

COAA e-News. Issue 18. April 30, 2005

(Back issues can be found in COAA web page: <http://www.coaaweb.org>)

Published by the Chinese-American Oceanic and Atmospheric Association
P.O. Box 4948, Silver Spring, Maryland 20914-4948, USA

Members please submit news to coaanews@coaaweb.org to be published in future COAA e-News.

Some examples of news items are:

Meeting/conference report/announcement;
Research work/activity;
Honors/Award /research grant;
Promotion/graduation/change of position;
/employment/sabbatical;
Latest publication/abstract;
Job/research grant opportunity;
Visit/exchange/collaboration;
New member;
Community outreach;
Social event;



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(0) A letter from president to senator Mikulski

The Honorable Barbara Mikulski
U.S. Senate 503 Hart Senate Office Building Washington, D.C. 20510
FACSIMILE SENT: 202-224-8858

April 7, 2005

Dear Senator Mikulski:

As a resident in Rockville, Maryland and as President of the Chinese-American Oceanic and Atmospheric Association (COAA), I would like to bring your attention to NASA's recent transformation that may gravely set back decades of NASA's advancement in Earth sciences and may result in jobs lost and academic and business opportunities missed in this area.

COAA is a professional society that consists of about 300 scientists and engineers in the oceanic, atmospheric and related Earth science fields. Our missions are to promote the studies of oceanic, atmospheric and related Earth sciences and make the results available to the public, to advance oceanic and atmospheric disciplines through technical interactions, to promote cooperation with other disciplines for societal benefits, and to improve occupational opportunities in oceanic and atmospheric sciences. Over 80% of our members and most of our corporate members reside in the greater Washington area, and mostly in Maryland. We are very concerned about the future of Earth Sciences at NASA.

Although the President's FY06 request would increase the NASA budget by 2.4%, this increase along with funding taken from existing NASA programs will be consumed by the Administration's Moon/Mars Initiative. A hearing will soon be held by the Senate Commerce, Science and Transportation Committee regarding the confirmation of Michael Griffin as NASA Administrator. Dr. Griffin's qualifications are not an issue, but the very future of NASA as a critical contributor to scientific research is very much at stake. It is imperative that Congress make clear to Dr. Griffin that he is about to be put in charge of some of the world's most valuable scientific resources and to question him about how he plans to protect them. Your intervention will be pivotal in a critical issue that has the potential to impede this nation's scientific progress and threaten our standing as a world leader in science and technology. The following are examples of questions that the scientific community would like Dr. Griffin to address during his confirmation hearing:

NASA's Earth science program has major societal benefits to the country, including: improved weather forecasts and warnings; climate outlooks; management of natural resources including water, agriculture, and energy; and identification and mitigation of natural disasters such as drought, floods, landslides, and volcanoes. NASA's refocusing towards human flight to the Moon and Mars is draining resources from many NASA science programs. How do you plan to protect NASA's Earth science programs that are of such practical value to our citizens? NASA provides and supports most of this country's remote sensing capabilities for the collection of information about the Earth's atmosphere and surface. As budgetary pressures increase at NASA, how do you plan to protect these critical resources? In fact, tremendous numbers of research proposals written to NASA Earth Science Program in the past one year have been rejected due to the budget cut or complete removal of the research programs.

The Administration has talked a great deal about its efforts for and priority status of the Global Earth Observation System of Systems (GEOSS). This is a major interagency effort involving NASA, NOAA, NSF and other federal agencies. To be effective, NASA's Earth science capabilities have to be part of this observing system. How will you ensure the health of NASA's Earth science program so that it can support and contribute to the success of the global Earth observing system?

In the early days of the Space Station program and continuing up until last year, separate appropriations accounts were established to make sure that Space Station budget overruns did not undermine NASA's science programs. That "firewall" has now been eliminated. Do you plan to reinstate the system of separate accounts or some other equally effective system in order to protect NASA science? Thank you very much for your attention to this critical issue. We must not stand by quietly while this country's unique scientific capabilities are diminished.

Sincerely,

Long S. Chiu
President,
Chinese-American Oceanic and Atmospheric Association
COAA, P. O. Box 4948, Silver Spring, Maryland 20914-4948
URL: <http://coaaweb.org/>

(1) Success of COAA Spring Workshop

The COAA Spring Workshop was successful, the abstract and/or extended abstract will be collected and published in the next issue of COAA Newsletter. Following is our agenda.

Agenda for COAA Spring Workshop
April 16, 2005 1pm-5pm
Room 2400 (Seminar room), 3431 CSS Building
Department of Meteorology,
University of Maryland, College Park

<http://www.atmos.umd.edu/~seminar/directions.htm> for direction. Parking is free

Session I: Manager Talks

- 1:00-1:05pm: COAA president (Prof. Long Chiu)
1:05-1:35pm: Dr. Tsengdar Lee – Manager of NASA
“On NASA Global Modeling and Analysis Program”
1:35 – 2:05pm: Dr. Ben Chao – Chief of Space Geodesy Lab at GSFC (formerly served at NASA HQ on detail)
“Experience and thoughts as a manager and NASA lab supervisor”

Session II: Scientific Talks

- 2:05pm-2:20pm: Dr. Yaping Zhou, NASA GSFC
“Lossless Compression of Hyperspectral Data using a Physical Model: How much improvement can it provide?”
2:20pm-2:35pm: Tianle Yuan, UMCP
“MODIS observed cloud and aerosol relationships”
2:35pm-2:50pm: Dr. Yukun Xing, GMU
“Variations of oceanic latent heat flux from remote sensing based data sets”
2:50pm-3:05pm: Dr. Donglian Sun, GMU
“Impacts of coast hazards on regional water cycle”

3:05-3:15pm: Break (refreshment will be served)

Session II (cont.): Scientific Talks

- 3:15-3:30pm: Dr. Fu-Lung Chang, UMCP ESSIC
“Changes in the Global Cloud Climatology due to Cloud Overlapping”
3:30-3:45pm: Dr. Qiang "Jack" Ji, NASA GSFC/ UMCP ESSIC
“SMART-COMMIT Investigation to Enrich NASA/ESE Earth Observing Systems Research”
3:45-4:00pm: Dr. Menglin Jin, NASA GSFC/UMCP
“Global Land Surface Warming: A study from GCM and Satellite Remote Sensing”

Session I (cont.): Manager Talks

- 4:00pm-4:30pm: Dr. Chung, Yip-Wah – Manager of NSF
“Obtaining NSF Funding”
4:30pm-5:00pm: Dr. Antony Liu - Navy/NASA GSFC
“Short report on ONRG-Asia projects”

6:00pm: Dinner at [Seven Sea Restaurant, College Park](#)

(2) COAA Internship

COAA Summer Internship 2005:

A Survey and Analysis of Scientific and Technological Contributions and Recognition by Chinese-American Atmospheric and Oceanic Scientists

1. Introduction

In a recent issue of COAA's Newsletter, Dr. Bill Lau, past President of COAA, made the following remarks: "... there has been a tremendous increase in the number of professionals of Asian decent working in the fields of ocean-atmosphere sciences and engineering, thanks to a massive influx of graduate students, scholars from mainland China. Just flip through pages of any major journal in geophysics and earth sciences, you will not be surprised to find that over 80% of papers are authored or coauthored by Asians." "Yet, if one looks at the top echelon of organization in any major institution in the

US, rosters of fellows in AGU and AMS, lists of keynote presentations in major conferences, Asian names are far and few, and clearly disproportionate to the large population of Asian researchers and their contributions.”

In a special edition of the Science (the issue of 28 May 2004) on “Brains and Borders”, it was noted that “there are so many anecdotes that the data must be there”. “When it comes to foreign scientists studying and working in the United States, the belief of the existence of such data is misplaced”. This is certainly the case in the fields of atmospheric and oceanic sciences. Recognition of contributions by a growing number of Chinese-American scientists by the mainstream colleagues is important for the well-being of COAA and its members, as well as for all scholars and even students of Chinese origin. Since the 9-11 event, many US universities have witnessed a significant drop in recruiting students from China and other countries. Tightening the issuing of visas to foreign students has been a major concern to many US universities. In this regard, concrete evidences on the contribution of the predecessors of today’s students may help resolve the crisis.

It is thus a long over-due task to conduct a systematic survey of contributions by meteorologists and oceanographers and related fields of Chinese origin in the advances of science they served. The task has been highly recommended by at least three recent COAA boards of directors. It has emerged to be a top-priority in the agenda of the current COAA board presided by Dr. Long Chiu. In the COAA board meeting held on Feb 26, a task force was established led by Dr. Zhanqing Li with 4 other members: Drs. Long Chiu, Menglin Jin, Fung-chi Ko, and Da-Lin Zhang. The board decided to establish a summer internship program for a student to carry out the study. The committee met and suggested that a COAA Summer Internship be set up to attract highly motivated students with good academic standing. The committee will serve in the Internship committee.

2. Objectives

The long-term objective is to document the contributions and recognitions of Chinese-Americans in the fields of atmospheric, oceanic, and related earth sciences. Their contributions include publications in the literature, project development and management. Their recognitions include fellowship in prestigious societies, awards, tenure in universities. Specifically, the project will

1) Acquire quantitative information on scientific and technical contributions in the field of atmospheric and oceanic sciences by all Chinese and specifically Chinese Americans living in US 2) Survey of recognitions in terms of awards, fellows, committee membership, and employment (in government agencies, universities and private sectors)

3 Tasks

1). Develop databases of Chinese names with three different spellings: mainland, Taiwan, and Hong Kong.

2). Develop databases of publications by Chinese scientists from AMS and AGU journals in metrics with the following entries:
Journal, Year, Authorship (lead and non-lead), affiliation category (university, government, private), key words (difficult),

3). Statistics of professional membership (AMS, AGU): a time series of total membership and Chinese members and year of beginning.

4). Statistics of recognitions: number of fellows, key committee members (AMS and AGU), awards (AMS and AGU society awards, and any others).

5). Statistics of employment in the three sectors (educational, governmental and industrial institutions) for both permanent and term positions.

6). Student admission to US universities.

7). Statistical analyses of the data collected.

5. The Internship

COAA intends to award one Summer Internship to an undergraduate in an accredited University to study the contributions and recognition of Chinese-Americans in the atmospheric, oceanic or related earth science fields. The stipend will be \$4000 for a ten-week period starting early June to mid-August, 2005. The work will be conducted at the University of Maryland, College Park campus.

6. Requirements

1. University undergraduate students with a good academic record (GPA>3.6)
2. Dedication (good working attitude)
3. Good working knowledge in Chinese, knowledge of statistics and computer helpful.
4. Experience in web based searching, programming, database, and spreadsheet
5. Recommendation letter
5. Submission of application form

Applications Form for COAA Summer Internship 2005 includes

Name:

Address:

Tel:

Email:

Name of University Attending:

Year of Study:

Grad point average (Provide a list of courses taken and grades)

Provide a synopsis why you want to apply for this scholarship?

Please have your instructor or teacher to provide a letter of recommendation addressed to the Committee Chair.)

Deadline for submission: May 15, 2005. The successful applicant will be announced late May.

Start date: Jun 1, 2005. or a mutually agreed date.

Please send the application form, CV and transcripts to the chair of the COAA Internship Committee

Prof. Zhanqing Li

ESSIC and METO

2207 Computer and Space Science Bldg

College Park, MD 20742

Email: zli@atmos.umd.edu

(3) Community News

3.1 Dr Song Yang, a COAA member, recently visited Shanghai, Guangzhou, and Beijing for several NOAA-CMA bilateral activities. He has given more than a dozen of talks on monsoon, the climate impact of Indian Ocean and Pacific sea surface temperatures, and climate monitoring and prediction in various institutes of CMA, the Chinese Academy of Sciences and Zhongshan University. In addition, he has been collaborating with scientists at CMA's Institute of Tropical and Marine Meteorology on the South China Sea monsoon using station observations from Xisha Islands. In Beijing, he attended the First Session of Regional Climate Monitoring-Assessment-Prediction for Asia and provided trainings to dozens of meteorologists from various Asian countries. The meeting was held as an activity in response to WMO's request. Dr. Yang has also talked to CCTV and the China Meteorological Newspapers about the forum and Asian climate during the meeting. (By Da-Lin Zhang; dalin@atmos.umd.edu)

3.2 Weather Forecasting Projects for the Beijing 2008 Olympic Games

The 4th workshop of WMO/WWRP Beijing 2008 Olympic FDP/RDP was held in Beijing, China from March 29-31, 2005. Dr. Bill Kuo of NCAR and Dr. Jun Du of NCEP were invited to attend the meeting by CMA. During the meeting, Dr. Bill Kuo was elected as Science Steering Committee member and Dr. Jun Du and Dr. Wei Huang (NCAR) as Technical Support Committee members. Besides scientists from China, 18 scientists from US, Australia, Canada, UK and Japan attended the workshop. The project consists of two components: forecast demonstration project (FDP) --- nowcasting (0-6 hour) and research development project (RDP) --- mesoscale ensemble forecasting (6-36 hour). NSSL/NOAA will participate in the nowcasting project and NCEP and NCAR will participate in the mesoscale ensemble project. (Jun.Du@noaa.gov)

3.3 MOON BASE I SUMMER CAMP:

The Federation of Galaxy Explorers is hosting the new Moon Base I summer camp at the Goddard Visitor Center. Galaxy Explorers is an organization that seeks to inspire and educate kids in preparation for the future. The program covers five main educational areas: Space Science, Earth Science, Engineering, Rocketry and Space Citizenship. For more information about Galaxy Explorers, visit <http://www.foge.org>. To volunteer at the camp or if you know a child interested in participating, contact Kate Hale at kate.hale@nasa.gov or Jill Holz at jill.m.holz@nasa.gov.

3.4 INVITED LECTURE

Zheng He Society of Americas and Zheng He Committee, COAA

Title: On Zheng He Voyages

Presented by

Dr. Ming Yang Su

Senior Research Oceanographer (Retired) at US Naval Research Laboratory

Visiting Professor at National Cheng Kung University, Taiwan

Visiting Professor at National Taiwan Ocean University, Taiwan

Time: May 15, 2005

Lunch – 12:00 to 1:00 p.m. (\$13 per person)

Lecture – 1:00 to 2:00 p.m.

Place: Far East Restaurant, 5055 Nicholson Lane, Rockville, MD

(Tel: 301-881-5552)

For more information, please call Dr. Frank Pao (301-680-8308 H; 202-319-6142 W)

Dr. Su is the author of three books: "The History of Zheng He Voyages – An Introduction" (in Chinese), Feb. 2005; "Seven Epic Voyages of Zheng He in Ming China – Facts, Fiction and Fabrication" (in English), May 2005; and "Zheng He Studies – A Collection of Research Papers in Last 20 Years", published earlier.

(4) Professional meeting announcements

Workshop on Meteorological Hazards and Emergency Response

A Workshop on Meteorological Hazards and Emergency Response will be held

Date:	Monday, May 30, 2005
Time:	9:30 am - 3:30 pm
Place:	Comfort suite 13981 Metrotech Drive, Chantilly, VA 20151 Tel: 571-263-2007
Contact:	Sheri Yi (email: ctcinternational@bigplanet.com) Tel: 301-721-2861

The workshop is co-sponsored by the Delegation of Chinese Meteorological Administrators, Culture to Culture International, and the Chinese-American Oceanic and Atmospheric Association (COAA). The purpose of the workshop is to bring together meteorological administrators and emergency

response managers with meteorological and oceanic researcher and application tools developers to discuss the needs and capabilities for natural disaster management and mitigation. Topics for discussion could include meteorological administration; remote sensing and information technologies, atmospheric or coupled models, natural and manmade hazards monitoring systems for disaster forecasting, mitigation, and management, enhanced monitoring, detection, warning and communications to protect lives and property. The Chinese delegates will also be interested in learning about the life and career of the Chinese-American scientists and professionals in the U.S. COAA members are urged to attend. If you are interested, but are unavailable for the whole workshop, please register and come either to the morning, lunch, or afternoon session. An attendee list will be compiled and distributed.

Attendees are given 2-3 minutes to introduce themselves, outlining their scientific interests and experiences related to the topics identified above. Short presentations (10-15 minutes) are solicited. Abstract deadline is May 15, 2005. A question- and- answer period will follow each presentation.

To register, please complete registration form and send email to Sheri Yi ctcinternational@bigplanet.com and cc to Long Chiu lchiu@gmu.edu and indicate your name, affiliation, email and corresponding address, education, areas of expertise, and indicate (put check mark X) if you will join the workshop lunch.

Tentative Agenda

9:30 am: Welcome and logistics
9:40 am Session I
10:45 am Break
11:00 am Session II
12:15 pm Lunch at the hotel (\$7 per person for non COAA members)
1:30 pm Session III
3:00 pm Summary.
3:30 pm Adjourned

REGISTRATION FORM

Workshop on Meteorological Hazards and Emergency Response

May 30, 2005. Comfort Suite, Chantilly, VA 20151

Name: _____

Affiliation: _____

Address: _____

Email Address: _____

Tel: _____

Education: _____

Areas of Expertise

Place X if applicable.

I ___ will/ ___ will not make a presentation. (Please submit an abstract to Sheri Yi ctcinternational@bigplanet.com and cc to Long Chiu lchiu@gmu.edu)

I ___ will/ ___ will not join the workshop lunch (free for COAA members and \$7 for non-COAA members, payable at the workshop)

Send this form to Sheri Yi ctcinternational@bigplanet.com and cc to Long Chiu lchiu@gmu.edu). Thanks!

Sixth International Workshop on Advanced Parallel

Processing Technologies (APPT 2005)
27-28 Oct. 2005, Hong Kong, China
<http://www.comp.polyu.edu.hk/APPT05>

APPT is a biennial workshop on parallel and distributed processing. Its scope covers all aspects of parallel and distributed computing technologies, including architectures, software systems and tools, algorithms, and applications. APPT was originated from collaborations by researchers from China and Germany and has evolved to be an international workshop. The past five workshops were held in Beijing, Koblenz, Changsha, Illmenau, and Xiamen, respectively. APPT'05 will be the sixth in the series. Following the success of the last five workshops, APPT'05 provides a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, and results about research in the areas related to parallel and distributed processing

Papers are solicited. Topics of particular interest include, but are not limited to :

- Parallel / Distributed System Architectures
- Advanced Microprocessor Architecture,
- Middleware, Software Tools and Environments
- Parallelizing Compilers,
- Software Engineering issues
- Interconnection Networks
- Network Protocols,
- Task Scheduling and Load Balancing
- Grid Computing, Cluster Computing, Peer-to-Peer Computing
- Internet & Web computing
- Pervasive and Mobile Computing
- Security in networks and distributed systems
- Fault tolerance and dependability
- Image Generation and Processing: Rendering Techniques, Virtual Reality, Visualization, Graphic Processing, etc

SUBMISSION GUIDELINES

Prospective authors are invited to submit a full paper in English (should not exceed 10 pages (12 pt) in length) presenting original and unpublished research results and experience. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Papers must be submitted in PDF (preferably) or Postscript that is interpretable by Ghostscript. Submissions will be carried out electronically on the Web via a link found at the conference web page <http://www.comp.polyu.edu.hk/APPT05/>.

Submissions imply the willingness of at least one author to register, attend the conference, and present the paper. There will be two best student paper awards to recognise distinguished student research.

PUBLICATION

The proceedings of the symposium will be published in Springer*s Lecture Notes in Computer Science (Pending).

Important Dates:

Paper submission: 1 May 2005

Acceptance notification: 1 July 2005
Camera-ready due: 15 July 2005
APPT*05 workshop: 27-28 Oct 2005

Sponsored by
Sponsored by Architecture Professional Committee of China Computer Federation.
Organized by Department of Computing, Hong Kong Polytechnic University
Supported by IEEE HK, ACM HK

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Member of Chinese Academy of Science. National Lab for Parallel and Distributed Processing, China

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Weimin Zheng, Tsinghua University, China

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4th ESMF Community Meeting
July 20-22, 2005

Massachusetts Institute of Technology
Cambridge, MA
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The 4th Earth System Modeling Framework (ESMF) Community Meeting will be held at the Massachusetts Institute of Technology campus in Cambridge, MA from July 20-22, 2004. The main meeting will be on July 21, and will focus on experiences using ESMF in climate, weather, and data assimilation applications, with special attention to issues of performance and ease of use.

Other topics will include:

- status of the ESMF and application adoption efforts
- overview of projects and initiatives that have grown up around ESMF
- transition to a new organizational structure and multi-agency management
- development priorities and future directions

On July 20 there will be a workshop on ESMF and GRID computing.

On July 22, we will hold a hands-on tutorial session in the morning and a vendor meeting in the afternoon.

A draft agenda is shown below; a more detailed agenda will be forthcoming and will be posted on the ESMF website on the News & Meetings page. For registration information see the end of this mail.

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ESMF Community Meeting Agenda
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Wednesday July 20

8:30am - 3:00pm ESMF on the GRID Workshop

Thursday July 21

8:30am - 5:00pm ESMF Community Meeting, Main Session
5:30pm - 7:30pm Reception

Friday July 22

8:30am - 12:00pm Introduction to ESMF: Hands-On Tutorial
1:00pm - 3:00pm Industry Partners Forum

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Registration and Logistics
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Early registrations are appreciated. Registration will close on June 1, 2005. The Community Meeting is open to all.

To register, see: http://www.esmf.ucar.edu/main_site/news/050720_meeting.html

Accommodations are at:
The Kendall Hotel
350 Main Street
Cambridge MA 02142
617.577.1300 hotel
781.844.0638 cell

A room block is reserved under "ESMF." The rate for a double room is \$179.

For questions on travel and logistics please contact Sheryl Meek, smeek@ucar.edu.

For more information on ESMF, visit the ESMF project website at: <http://www.esmf.ucar.edu>
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Computer Innovation 6016

November 30-December 3, 2005, Beijing, China
<http://www.ict.ac.cn/ci6016/>

The year 2005 is the 60th anniversary of the invention of modern computer, as well as the 30th anniversary of the invention of PC. China Computer Federation is to host an international meeting called "Computer Innovation 6016", to celebrate our profession (pending in cooperation with ACM, IEEE Computer Society, and IFIP).

The theme of this event is to reflect on the most significant milestones and innovations of our profession in the past 60 years, and to forecast/discuss the trends in the next 16 years. The scope of the event will cover technology, market, and education.

Computer Innovation 6016 will feature invited speeches, roundtables, an industrial forum, press/public activities, three technical conferences, and an exhibition.

Invited Speeches

Computer Innovation 6016 will invite international experts, from both academia and industry, to share their insights on past history and future trends of computer technology innovations, computer education, market and social impacts.

Roundtables

Computer Innovation 6016 will host three roundtables:
Round Table on Computer Innovation Trends
Round Table on Computer Education
Round Table on IT for the Mass

Industrial Forum

Computer Innovation 6016 will host a one-day industrial forum to allow vendors to showcase their latest technology.

Press/Public Activities

As a historical event, Computer Innovation 6016 will host a number of Press and public interaction

activities to connect the computer profession with our society. Both domestic and international press/media will be invited to participate in this event. Planned activities include a press conference, media interviews, special issues on trade publications, an edited book, and students participation.

Technical Conferences

Computer Innovation 6016 will include three international technical conferences:

- The 8th International Conference on High-Performance Computing in Asia-Pacific Region (HPC-Asia 2005)
- The 4th International Conference on Grid and Collaborative Computing (GCC 2005)
- The 2nd IFIP International Conference on Network and Parallel Computing (IFIP NPC 2005)

Exhibition

A commercial/research exhibition will be the highlight of ComputerInnovation 6016. An exhibition space of 1500 square meter is reserved for vendors, users, and researchers of computer technology, both domestic and international.

Organization Committee of Computer Innovation 6016

General Co-Chairs:

Guojie Li (China Computer Federation)
Wei Zhao (Texas A&M, USA)

Program Committee Co-Chairs:

Zhiwei Xu (Chinese Academy of Sciences)
Xiaodong Zhang (William and Mary, USA)

Steering Committee

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Zhiwei Xu (Chinese Academy of Sciences)
Xiaodong Zhang (William and Mary, USA)
Wei Zhao (Texas A&M, USA)

HPC-Asia 2005

General Co-Chairs:

Kai Li (Princeton, USA)
Satoshi Sekiguchi (AIST Japan)
Program Committee Co-Chairs:
Jianpin Fan (ICT, China)
Jysoo Lee (KISTI, Korea)

GCC 2005

General Co-Chairs:

Ian Foster (ANL, USA)
Tony Hey (UK e-Science)
Program Committee Co-Chairs:
Geffrey Fox (Indiana, USA)
Hai Zhuge (ICT, China)

IFIP NPC 2005

General Co-Chairs:

Jean-Luc Gaudiot (UC Irvine, USA)
Lionel Ni (HKUST, China)
Program Committee Co-Chairs:

Hai Jin (HUST, China)
Dan Reed (UNC, USA)

HPC-Asia 2005

The 8th International Conference and Exhibition on High-Performance Computing in Asia-Pacific Region

November 30-December 3, 2005, Beijing, China
www.ict.ac.cn/hpcasia2005

HPC ASIA is an international conference series held every 18 months on an Asia-Pacific regional site. It provides a forum for HPC researchers, developers, and users throughout the world to exchange ideas, case studies, and research results related to all issues of high performance computing. The last seven conferences were held in Taipei in 1995, Seoul in 1997, Singapore in 1998, Beijing in 2000, Australia in 2001, India in 2002, and Tokyo in 2004.

In addition to contributed technical papers, HPC Asia 2005 will include keynote addresses, invited/plenary speeches, panel discussions, workshops, poster presentations and industrial track presentations. A commercial/research exhibition will be the highlight of HPC Asia 2005.

Authors are invited to submit manuscripts of original unpublished research work in all areas of high performance computing, including the development of experimental and commercial systems. Relevant topics include (but are not limited to) the following:

- *System Architecture and Models for HPC
- *System Software for HPC
- *Algorithms and Applications for HPC
- *Performance Evaluation and Productivity
- *Grid Computing

Technical Paper Submission Instructions:

Authors are invited to submit papers of no more than 8 pages of double column text using single spaced 10 point size type on 8.5x11 inches papers, as per IEEE 8.5x11 manuscript guidelines (see <http://www.computer.org/cspress/instruct.htm>). Authors should submit a PDF file that will print on a PostScript printer using 8.5 x 11 inch size (letter size) paper.

Papers should be written in English. The results presented in the paper must be original. One author of each accepted paper will be expected to present the paper at the conference. The proceedings will be published by the IEEE Computer Society Press. Only online submission is allowed and the submission procedures will be available via official website before May 15, 2005. If you have any question, please send an email to hpcasia2005@ict.ac.cn.

Important Dates:

Technical Paper Submission Deadline	June 10, 2005
Notification of Acceptance/Rejection	July 25, 2005
Camera-Ready Paper Deadline	August 26, 2005

General Co-Chairs:

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GCC 2005

The 4th International Conference on Grid and Cooperative Computing

November 30-December 3, 2005, Beijing, China

<http://www.ict.ac.cn/gcc2005>

The International Conference on Grid and Cooperative Computing GCC obtained great success in the past three years. It has become a major annual forum in Grid and Cooperative Computing area, with 400-500 registered participants. GCC 2005 will inherit its tradition and further promote its quality and international impact. It will emphasize the theory, method, and design of grid and cooperative computing as well as applications in science, culture, engineering and business. Researchers and practitioners will get together to present up-to-date achievement in this international forum.

The conference solicits original high quality papers on the following topics.

- Fundamental theories on Grid and Cooperative Computing
- Grid Computing, grid services and grid security
- Grid applications
- Grid monitoring, management and organization tools
- Grid middleware and toolkits
- Knowledge Grid, Information Grid, and Service Grid
- Grid information representation and management
- Advanced resource reservation and scheduling
- Performance evaluation and modeling
- P2P computing and automatic computing
- Information and Software integration technologies
- Software engineering and cooperative computing
- Computer-supported cooperative work

Submission Instructions:

Detailed submission instructions, e.g. a description of the requested camera-ready format, will be made available before the submission dates at the conference web site. Papers should be written in English. Papers must not be published or under consideration for publication elsewhere. PDF copies of manuscripts may be mailed to kg@ict.ac.cn.

Important dates:

July 8, 2005 Conference Paper Due
August 8, 2005 Notification of Acceptance/Rejection
August 26, 2005 Camera-Ready Paper Due

Proceedings:

All accepted papers will be published in the conference proceedings in Lecture Notes in Computer Science (LNCS) series by Springer-Verlag (pending).

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Rajkumar Buyya (The University of Melbourne, Australia)
Wentong Cai (Nanyang Technological University, Singapore)
Jiannong Cao (Hong Kong Polytechnic University, Hong Kong)
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Hong Shen (Japan Advanced Institute of Science and Technology, Japan)
Xian-He Sun (Illinois Institute of Technology, USA)
David Tanar (Monash University, Australia)
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Shaowen Wang (University of Iowa, USA)
Jie Wu (Florida Atlantic University, USA)
Cheng-Zhong Xu (Wayne State University, USA)
Laurence Tianruo Yang (St. Francis Xavier University, Canada)
Wanlei Zhou (Deakin University, Australia)
Jianping Zhu (The University of Akron, USA)
Xinrong Zhou (Abo Akademi University, Finland)
Xiaola Lin (City University of Hong Kong, China)
Zhonghua Yang (Nanyang Technological University, Singapore)
Guangrong Gao (University of Delaware Newark, USA)
Alexander V. Smirnov (St.-Petersburg Russian Academy of Sciences,

Russian)
Mark Baker (University of Portsmouth, UK)
Xiaodong Zhang (NSF, USA and College of William and Mary, USA)
David W Walker (Cardiff University, UK)

Information
Further questions may be addressed to: kg@ict.ac.cn

Call for Papers
IFIP NPC 2005

The Second IFIP International Conference on Network and Parallel Computing

November 30-December 3, 2005, Beijing, China
<http://grid.hust.edu.cn/npc05/>

The goal of the IFIP International Conference on Network and Parallel Computing is to establish an international forum for engineers and scientists to present their original ideas and experiences in all system fields of network and parallel computing. The first conference was held in October 18-20, 2004 in Wuhan, China (see the website <http://grid.hust.edu.cn/npc04/>). The second conference (NPC 2005) will be held in November 30-December 3, 2005, Beijing, China. The third conference (NPC 2006) will be held in Barcelona, Spain.

Topics of interest include, but are not limited to:

- * Parallel & Distributed Architectures
- * Parallel & Distributed Applications/Algorithms
- * Parallel Programming Environments and Tools
- * Network & Interconnect Architecture
- * Network Security
- * Network Storage
- * Advanced Web and Proxy Services
- * Middleware Frameworks and Toolkits
- * Cluster & Grid Computing
- * Ubiquitous Computing
- * Peer-to-peer Computing
- * Multimedia Streaming Services
- * Performance Modeling/Evaluation

Submission Instructions:

Detailed submission instructions will be made available before the submission dates at the conference web site <http://grid.hust.edu.cn/npc05/>. Papers should be written in English. Papers must not be published or under consideration for publication elsewhere.

Important Dates:

May 8, 2005 Conference Paper Due
July 1, 2005 Notification of Acceptance/Rejection
August 1, 2005 Camera-Ready Paper Due

Proceedings:

All accepted papers will be published in the conference proceedings in Lecture Notes in Computer Science (LNCS) series by Springer-Verlag (pending).

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Daniel Reed, University of North Carolina, USA

Publicity Chair

Cho-Li Wang, University of Hong Kong, China

Web Chair

Wenbin Jiang, Huazhong University of Science and Technology, China

Details of following meeting announcements are listed in previous issues in 2005, please check coaaweb.

CITSA'05/ISAS'05

(<http://www.infocybernetics.org/citsa2005/>), which will be held in Orlando, Florida, USA, on July 14-17, 2005.

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

WWRP Symposium on Nowcasting and Very Short Range Forecasting:

<http://www.meteo.fr/cic/wsn05/>

The deadline for submission of Short Abstracts is April 1, 2005, (not April 30th as listed in the AMS Bulletin and on their website).

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

Announcement of NOAA's 30th Annual Climate Diagnostics and Prediction Workshop

October 24-28, 2005 at the Nittany Lion Inn, State College, Pennsylvania.

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

Grid 2005 - 6th IEEE/ACM International Workshop on Grid Computing (held in conjunction with SC05)

November 14, 2005, Seattle, Washington, USA

<http://pat.jpl.nasa.gov/public/grid2005/>

<http://www.gridcomputing.org/>

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

IAMAS2005

(<http://www.iamas2005.com>).

<details please see issue #16 February 2005 at <http://www.coaaweb.org> >

**AGU Spring Meeting, Joint Assembly 2005 in New Orleans, LA, May 23-27 2005
A02: Microphysical Processes in Cloud Resolving, Numerical Weather Prediction, and Climate Models**

< detail in issue #15 January 2005 at <http://www.coaaweb.org> >

**The Asia Oceania Geosciences Society's 2nd Annual Meeting
Singapore, 20 to 24 June 2005.**

<details please see issue #15 January 2005 at <http://www.coaaweb.org> >

The 6th International RSM workshop – First Announcement

International Research Institute for Climate Prediction
Palisades, NY
July 11-15, 2005

<http://ecpc.ucsd.edu/projects/RSM/RSM2005/>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

IMAS Meeting – Second Announcement

9th Scientific Assembly of the International Association of Meteorology and Atmospheric Sciences (IAMAS)

of the International Union of Geodesy and Geophysics (IUGG) Beijing, China, August 2-11, 2005

PAGES' 2nd Open Science Meeting August 10-12, 2005

<http://www.iamas2005.com> and <http://web.lasg.ac.cn/IAMAS2005>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

**Sixth International Workshop on
Advanced Parallel Processing Technologies (APPT 2005)**

27/28 Oct. 2005, Hong Kong, China

<http://www.comp.polyu.edu.hk/APPT05>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

**The 8th International Conference and Exhibition on
High-Performance Computing in Asia-Pacific Region**

November 30-December 3, 2005, Beijing, China

<http://www.ict.ac.cn/hpcasia2005>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

(5) Jobs opportunities

Postdoctoral Fellow and/or Research Associate Position in Marine Wind Determination and Validation

Bedford Institute of Oceanography is searching for a Postdoctoral Fellow or Research Associate as part of a collaborative research and development program on the construction and validation of wind fields from high-resolution numerical weather prediction (NWP) models using synthetic aperture radar (SAR) and

scatterometer. The successful candidate will join a team of researchers under the leadership of Dr. Will Perrie, will use SAR data to validate important small-scale surface wind features in high- resolution NWP model simulations in Canadian coastal and near shore regions.

The successful applicant will have a Ph.D. or equivalent experience in Atmospheric Science, Oceanography, Remote Sensing or related discipline, and a working knowledge of atmospheric modelling, meso-scale processes and / or boundary layer processes. The work will involve using NWP model outputs and available algorithms to produce optimally blended marine wind fields for selected extratropical storm events. Previous experience with meso-scale atmospheric models and/or the use and interpretation of satellite derived data will be an advantage.

Funding is commensurate with qualifications and experience. Applicants should send a statement of interest, a curriculum vitae and the names and addresses of three references to Dr. Will Perrie, BIO, 1 Challenger Dr., Dartmouth, Nova Scotia, Canada B2Y 4A2 (Fax: 902-426-7827, email: perriew@dfo-mpo.gc.ca).

All qualified candidates are encouraged to apply; however in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

Job: NWS-NCEP-2005-0047
Job Position: 1340 Meteorologist
Job Description: Meteorologist
Job grade: GS-12/13
Open Date: 04/06/2005
Close Date: 05/06/2005
Salary Range: \$62886.00-\$97213.00
1 vacancy at Prince Georges County [Includes Andrews AFB & Suitland, MD Area]

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1327>

Job: NWS-NCEP-2005-0054
Job Position: 1340 Meteorologist
Job Description: Meteorologist
Job grade: GS-07/11
Open Date: 04/07/2005
Close Date: 05/06/2005
Salary Range: \$35452.00-\$68209.00
1 vacancy at Washington DC Metro Area, DC

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1730>

Job: OS-OHRM-2005-0005
Job Position: 0341 Administrative Officer
Job Description: Administrative Officer, OHRM-2005-0005-M-SW
Job grade: ZA-03
Open Date: 04/29/2005
Close Date: 05/13/2005
Salary Range: \$52468.00-\$81747.00
1 vacancy at Washington DC Metro Area, DC

Follow this link to the job listed above
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=2033>

Job: OS-OHRM-2005-0006
Job Position: 0341 Administrative Officer

Job Description: Administrative Officer, OHRM-2005-0006-D-SW
Job grade: ZA-03
Open Date: 04/29/2005
Close Date: 05/13/2005
Salary Range: \$52468.00-\$81747.00
1 vacancy at Washington DC Metro Area, DC

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=2048>

Job: GEO-2005-0016
Job Position: 0150 Geographer
Job Description: Geographer GEO-2005-0016-M-LD
Job grade: GS-13
Open Date: 04/22/2005
Close Date: 05/13/2005
Salary Range: \$74782.00-\$97213.00
1 vacancy at Washington DC Metro Area, DC (Suitland, MD)

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1779>

Job: NWS-SR-2005-0084
Job Position: 1315 Hydrologist
Job Description: Hydrologist (Sr Service Hydro) , GS-1315-12/13, M-DF-LL (D)
Job grade: GS-12/13
Open Date: 04/27/2005
Close Date: 05/11/2005
Salary Range: \$54221.00-\$83819.00
1 vacancy at San Juan Area, PR

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1977>

Job: NWS-SR-2005-0086
Job Position: 1315 Hydrologist
Job Description: Hydrologist (Sr Service Hydro) , GS-1315-12/13, M-DF-LL (M)
Job grade: GS-12/13
Open Date: 04/27/2005
Close Date: 05/11/2005
Salary Range: \$54221.00-\$83819.00
1 vacancy at San Juan Area, PR

Follow this link to the job listed above:
<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1978>

Job: NWS-ER-2005-0086
Job Position: 1340 Meteorologist
Job Description: Meteorologist (Intern), GS-1340-5/7/9
Job grade: GS-05/09
Open Date: 04/27/2005
Close Date: 05/11/2005
Salary Range: \$27569.00-\$54300.00
1 vacancy at Charleston, WV
1 vacancy at Caribou, ME
1 vacancy at MT Holly, NJ

Follow this link to the job listed above:

<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=1877>

Job: NWS-SR-2005-0088
Job Position: 1340 Meteorologist
Job Description: Meteorologist (Intern), GS-1340-5/7/9, M-LW-LL (D)
Job grade: GS-05/09
Open Date: 05/03/2005
Close Date: 05/17/2005
Salary Range: \$27569.00-\$54300.00
1 vacancy at Jackson, MS

Follow this link to the job listed above:

<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=2042>

Job: NWS-SR-2005-0089
Job Position: 1340 Meteorologist
Job Description: Meteorologist (Intern), GS-1340-5/7/9/11, M-LW-LL (M)
Job grade: GS-05/11
Open Date: 05/03/2005
Close Date: 05/17/2005
Salary Range: \$27569.00-\$65704.00
1 vacancy at Jackson, MS

Follow this link to the job listed above:

<https://jobs.quickhire.com/scripts/doc.exe/rundirect?Org=1&Job=2047>

(6) Research proposal opportunity

!!!** Funding agents, please submit announcement to henry.juang@noaa.gov to publish here ***!!!